

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2109050	bead or microsphere or microcapsule or microballoon or microbead or microparticle or particle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:29
L2	2782226	hollow or expan\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:29
L3	83634	1 with 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:29
L4	1640997	atomiz\$5 or spray\$3 or nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:30
L5	23180	3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:30
L6	2687	(521/56,57,76,88,142).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/18 12:30
L7	215	L6 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:30
L8	1192	"collision plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:30
L9	23	5 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 12:30
L10	7	("2515541"   "2636688"   "4917309"   "5598979"   "6786437").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:34
L11	3387	5 and ("gas fluid" or "fluid gas" or "gas flow")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 13:25
L12	6	11 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 13:25
L13	3	("3821128" "4108806" "5536756").pn.	USPAT	OR	ON	2009/06/18 13:34
L14	1	"5034167".pn..pn.	USPAT	OR	ON	2009/06/18 13:41
L15	1	"5034167".pn.	USPAT	OR	ON	2009/06/18 13:41
L16	2	("5034167").URPN.	USPAT	OR	ON	2009/06/18 13:41
L20	13496	3 and wet\$3	US-PGPUB; USPAT	OR	ON	2009/06/18 16:32

L21	112	3 and (wet\$3 with organic with liquid)	US-PGPUB; USPAT	OR	ON	2009/06/18 16:33
L22	1	"20070219281".pn.	US-PGPUB; USPAT	OR	ON	2009/06/18 16:44
L23	1	"6235394".pn.	US-PGPUB; USPAT	OR	ON	2009/06/18 16:44
S1	1	"20070154711".pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 08:16
S6	2685	(521/56,57,76,88,142).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 08:58
S7	6	("3915972" "20030143399" "20030114546" "4397799" "5180752" "3615972" "2003114546" "2003143399"). pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 09:01
S8	2	("20030143399" "20030114546"). pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 09:03
S9	0	("2003143399" "2003114546"). pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 09:04
S10	4	("6235394" "6903143" "6365614" "6235800").pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 09:39
S11	114777	microsphere or microballoon or microcapsule	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:40
S12	44409	blow\$3 near3 agent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:40
S13	6465	thermoplastic near3 (shell or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:40
S14	145	S11 same S12 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:40
S15	18	S6 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:41
S17	3	S15 and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 09:41
S18	1	"20050080151".pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 09:56
S21	4	("6225361" "6106946").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:02
S22	96	S12 same fluorine same ether	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:24
S23	10	S13 same nitrile same (carboxyl or carboxylic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:25

S24	4	S11 and S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:25
S25	9	S11 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:26
S26	6	("6235394" "6509384" "4287308").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 10:35
S27	1	pct/jp99/00239.ptan.	US-PGPUB; USPAT	OR	ON	2009/06/15 10:47
S28	1	"6617364".pn.	US-PGPUB; USPAT	OR	ON	2009/06/15 10:53
S29	56076	S11 and (spray\$3 or nozzle or dispers\$3 or atomiz\$5)	US-PGPUB; USPAT	OR	ON	2009/06/15 10:56
S30	5160	S11 and atomiz\$5	US-PGPUB; USPAT	OR	ON	2009/06/15 10:57
S31	19	S6 and S30	US-PGPUB; USPAT	OR	ON	2009/06/15 10:57
S33	7	S31 and (collision or plate)	US-PGPUB; USPAT	OR	ON	2009/06/15 10:58
S34	2642	S30 and (collision or plate)	US-PGPUB; USPAT	OR	ON	2009/06/15 10:59
S35	0	S34 and S13 and S22	US-PGPUB; USPAT	OR	ON	2009/06/15 10:59
S36	0	S34 and S22	US-PGPUB; USPAT	OR	ON	2009/06/15 10:59
S37	5305	S11 and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:00
S38	2715	S37 and (colliz\$4 or plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:00
S39	0	S38 and S13 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:00
S40	0	S38 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:00
S41	24	S38 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:00
S42	0	S38 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:01
S43	2	"5775594".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 11:28
S51	2	japanese same "59-53290"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:10

S52	0	"JP 5953290"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:11
S53	0	"JP 59053290"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:12
S54	0	"JP 590053290"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:12
S55	1	"jp 57137323"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:12
S56	1	"ep 1288727"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:42
S57	2	"jp 2001151895"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:45
S58	64221	S11 and (spray\$3 or dispers\$3 or atomiz\$5)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:51
S59	472	S58 and "fluid gas"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:51
S60	0	S59 and "collision plate"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:51
S61	11	S58 and "collision plate"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 12:51
S62	2678	"true specific gravity"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:05
S63	166	S11 and S62	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:05
S64	12	S6 and S63	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:05

S65	4	"EP 1067151"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:22
S66	4	"EP 1059339"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:22
S67	1	"5536756".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:26
S68	2	"5360825".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/06/15 13:29
S73	2	"ep 1688454"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 08:17
S75	1	"5834526".pn.	US-PGPUB; USPAT	OR	ON	2009/06/18 08:27
S76	2	"WO 2004074396"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 09:10
S78	1	"WO 1999037706"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 09:26
S79	2	"6225261".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 09:36
S80	1	"WO 2003099955"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 09:38
S81	1	"ep 1508604"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 09:38
S82	1	"6225261".pn.	US-PGPUB; USPAT	OR	ON	2009/06/18 10:11
S83	1	"6225361".pn.	US-PGPUB; USPAT	OR	ON	2009/06/18 10:16

6/18/2009 5:01:30 PM

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